Product data sheet

Specifications

APC DIN Rail - Panel Mount UPS with High Temp Battery 500VA 230V

SUA500PDRI-H

Overview

Presentation	Proven Industrial UPS power protection for control applications and harsh environments.
Lead time	Usually in Stock

Main

Main Input Voltage	230 V
Other Input Voltage	220 V 240 V
Main Output Voltage	230 V
Other Output Voltage	220 V 240 V
Rated power in W	325 W
Rated power in VA	500 VA
product or component type	Uninterruptible power supply (UPS)
Output connector type	Hard wire 3-wire (H N + E) 1
Battery type	Lead-acid battery
Provided equipment	CD with software Documentation CD Installation guide Smart UPS signalling RS-232 cable

Batteries & Runtime

Extended runtime	0
Number of battery filled slots	1
Number of battery free slots	1
Battery recharge time	2 h
Number of battery replacement quantity	1
Battery life	3…5 year(s)
Replacement battery	APCRBC136 ↗
Battery charger power	60 W rated

General

Number of power module filled slots	0
Number of power module free slots	0

Redundant	No

Physical

Height	14.8 cm
Width	36.2 cm
Depth	17.1 cm
net weight	12.86 kg
Mounting preference	No preference
mounting mode	Not rack-mountable
Two post mountable	0
USB compatible	No

Input

Input voltage limits	151...302 V adjustable 160...285 V
Number of input connectors	1 hard wire 3-wire (1P + N + E)
Network frequency	50/60 Hz +/- 3 Hz auto-sensing

Output

Harmonic distortion	Less than 5 %
Maximum configurable power in VA	500 VA
Maximum configurable power in W	325 W
UPS type	Line interactive
Efficiency	94 % (full load)
Output frequency	47...53 Hz for 50 Hz nominal sync to mains 57...63 Hz for 60 Hz nominal sync to mains

Conformance

Product certifications	CE VDE
Standards	EN/IEC 62040-1:2019/A11:2021 EN/IEC 62040-2:2006/AC:2006 EN/IEC 62040-2:2018

Environmental

Acoustic level	55 dBA
heat dissipation	90 Btu/h
Operating altitude	0...10000 ft
Ambient air temperature for operation	0…50 °C
Ambient air temperature for storage	-15…45 °C
Storage altitude	0.0000000000…15240.0000000000 m
IP degree of protection	IP20
Relative humidity	0…95 %
Storage Relative Humidity	0…95 %

Communications & Management

control panel	LED status display with load and battery bar-graphs and on line : on battery : replace battery : and overload indicators
Emergency power off	Yes
Free slots	1
Alarm	Alarm when on battery : distinctive low battery alarm : overload continuous tone alarm

Surge Protection and Filtering

Surge energy rate	540 J
Noise suppression	Full time multi-pole noise filtering : 0.3% IEEE surge let-through : zero clamping response time : meets UL 1449

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	29.7 cm
Package 1 Width	29.7 cm
Package 1 Length	48.1 cm
Package 1 Weight	13.292 kg

Contractual warranty

Warranty	2 years repair or replace

Sustainability

Green Premium^{TM} label is Schneider Electric's commitment to delivering products with best-in-class environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO_2 products.

Guide to assessing product sustainability is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

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Guide to assess a product's sustainability ⟩

Energy Efficient   Take-back   Transparency   RoHS/REACh

Resource performance

✓ Energy Efficient Product

✓ Take-Back Program Available

Well-being performance

✓ Rohs Exemption Information   Yes

Certifications & Standards

Reach Regulation   REACh Declaration

Eu Rohs Directive   Compliant with Exemptions

China Rohs Regulation   China RoHS declaration

Product out of China RoHS scope. Substance declaration for your information

Environmental Disclosure   Product Environmental Profile

Weee   The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins

Circularity Profile   End of Life Information

California Proposition 65   WARNING: This product can expose you to chemicals including: Lead and lead compounds, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov